

## **Experiment C**

## Becks Sample 1

SAMPLE : Becks Commercial Beer

(1)

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 'MINERAL' SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIC/MAGNESIC	ABSENT	WEAK	ACCEPTABLE	STRONG	CAUSTIC
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.5

## Becks Sample 2

2

SAMPLE : Becks / Dunkhove, Calcium citrate only.

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTY
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 MINERAL SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIC/MAGNESIC	ABSENT	WEAK	ACCEPTABLE	STRONG	ETHereal
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTERTASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.8.  
+0.3.

## Becks Sample 3

SAMPLE : Becks/Dunham, Calcium citrate + (Zn+Fe)

COMPONENT	RATING				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
1 AROMA					
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 'MINERAL' SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIC/MAGNESIC	ABSENT	WEAK	ACCEPTABLE	STRONG	CAUSTIC
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8  
+0.3

## Becks Sample 4

(8)

SAMPLE : Becks / London

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG,	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUP	ACIDIC
9 MINERAL SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG,	METALLIC
10 CALCIUM/MAGNESIUM	ABSENT	WEAK	ACCEPTABLE	STRONG	ETCHING
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG,	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORTEST	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.5

## Becks Sample 5

(5)

SAMPLE : Becks / Cotta

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 MINERAL SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIC/MAGNESIC	ABSENT	WEAK	ACCEPTABLE	STRONG	ETHERY
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

↑ (see notes) ↑

Comments :

pH 5.0  
(+0.5)

## Becks Sample 6

6

SAMPLE : Becks/Dunhouse, London, Estar: Combined.

COMPONENT	RATING				
1 AROMA -	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 MINERAL SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIUM/MAGNESIUM	ABSENT	WEAK	ACCEPTABLE	STRONG	CAUSTIC
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments : Calcium acetate did not stay in solution  
 pH 4.7 not one acceptable taste component!  
 (40.2)

## Heineken Sample 1

(1)

SAMPLE : Heineken/ Commercial Beer

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOSTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 MINERAL SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIUM/MAGNESIUM	ABSENT	WEAK	ACCEPTABLE	STRONG	ETCHING
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.7

# Heineken Sample 2

(2)

SAMPLE : Heineken / Dern Lowe Car Extract only

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 MINERAL SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIUM/MAGNESIUM	ABSENT	WEAK	ACCEPTABLE	STRONG	CAUSTIC
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTERTASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.8  
(+0.1)

# Heineken Sample 3

3

SAMPLE : Heineken/Dunhovne Ca Citrate + (Int Fe)

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 MINERAL SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIUM/MAGNESIUM	ABSENT	WEAK	ACCEPTABLE	STRONG	BITTER
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.8  
(+0.1)

## Heineken Sample 4

4

SAMPLE : Heineken / London

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTY
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 'MINERAL' SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIC/MAGNESIC	ABSENT	WEAK	ACCEPTABLE	STRONG	CAUSTIC
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTERTASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.7

## Heineken Sample 5

(5)

SAMPLE : Heineken / Cofax

COMPONENT	RATING				
1 AROMA					
ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE	
2 MALTINESS					
ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE	
3 BITTERNESS					
ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE	
4 SALTINESS					
ABSENT	WEAK	ACCEPTABLE	STRONG		SALTINE
5 SWEETNESS					
ABSENT	WEAK	ACCEPTABLE	STRONG		EXCESSIVE
6 BODY					
VERY WEAK	WEAK	ACCEPTABLE	STRONG		HEAVY
7 CARAMEL (BURNT, TOASTY)					
ABSENT	WEAK	ACCEPTABLE	STRONG		BURNED
8 SOURNESS (ACIDITY)					
ABSENT	WEAK	ACCEPTABLE	SOUR		ACIDIC
9 'MINERAL' SENSATION					
ABSENT	WEAK	ACCEPTABLE	STRONG		METALLIC
10 CALCIUM/MAGNESIUM					
ABSENT	WEAK	ACCEPTABLE	STRONG		BITTER
11 INITIAL MOUTHFEEL					
ABSENT	WEAK	ACCEPTABLE	STRONG		REPULSIVE
12 PERSISTENCE OF AFTER TASTE					
ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED		PERSISTENT

Comments :

pH 5.0  
(+0.3)

## Heineken Sample 6

(6)

SAMPLE : Heineken / Dunham & Lindon & Costa combined

COMPONENT	RATING.				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUP	ACIDIC
9 'MINERAL' SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIUM/MAGNESIUM	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTERTASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.8  
(+0.1)

## Guiness Sample 1

SAMPLE : Guiness / Commercial Beer.

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 'MINERAL' SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIC/MAGNESIC	ABSENT	WEAK	ACCEPTABLE	STRONG	BITTER
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTERTASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.5

## Guiness Sample 2

(2)

SAMPLE : Guiness / Durkhowe Palelum Grate only.

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, ETC)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EMERGED
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	STRIKING	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.8  
(+0.3)

## Guiness Sample 3

SAMPLE : Guiness/ Dunhowne, Calcium extract + (Zn + Fe)

COMPONENT	RATING				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 MINERAL <sup>+</sup> SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIC/MAGNESIC	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.8  
(+0.3)

## Guiness Sample 4

(4)

SAMPLE : Guiness London

COMPONENT	RATING				
1	AROMA				
ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE	
2	MALTINESS				
ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE	
3	BITTERNESS				
ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE	
4	SALTINESS				
ABSENT	WEAK	ACCEPTABLE	STRONG	SATING	
5	SWEETNESS				
ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE	
6	BODY				
VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY	
7	CARAMEL (BURNT, TASTY)				
ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED	
8	SOURNESS (ACIDITY)				
ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC	
9	'MINERAL' SENSATION				
ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC	
10	CALCIC/MAGNESIC				
ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY	
11	INITIAL MOUTHFEEL				
ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE	
12	PERSISTENCE OF AFTER TASTE				
ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT	

Comments :

pH 6.5

## Guiness Sample 5

5

SAMPLE : Guiness / Costa

COMPONENT	RATING.				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SIZZLE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG,	BURNT
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 'MINERAL' SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIUM/MAGNESIUM	ABSENT	WEAK	ACCEPTABLE	STRONG,	BITTER
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG,	REPULSIVE
12 PERSISTENCE OF AFTERTASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 5.2  
(+ 0.7)

## Guiness Sample 6

(6)

SAMPLE : Guinnes / Dunlewey, Limerick, Cork; Combined

COMPONENT	RATING				
1 AROMA	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2 MALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3 BITTERNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4 SALTINESS	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5 SWEETNESS	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6 BODY	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7 CARAMEL (BURNT, TOASTY)	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNED
8 SOURNESS (ACIDITY)	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9 MINERAL SENSATION	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10 CALCIUM/MAGNESIUM	ABSENT	WEAK	ACCEPTABLE	STRONG	BITTER
11 INITIAL MOUTHFEEL	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12 PERSISTENCE OF AFTER TASTE	ABSENT	SHORT	ACCEPTABLE	TOO EXPIRED	PERSISTENT

Comments :

pH 4.7  
(±0.2)